### A WARBEIP IN ACTION

Interesting Account of One Knows Bis Subject and Tells It Well to "Optic" Readers.

To the Editor of the Optic. EAST LAS VEGAS, March 22.—People who read about modern warships in action, of the thunder and deafeaing noise made by the ponderous guns and the clouds of smoke and steam by which the iron nighting machines are enveloped, have only a faint idea at best of the real state of affairs, and no picture can do the matter full justice, if the reports of those who have been there may be believed.

To the novice the discharge of a big gun is a startling thing and may be followed by unpleasant results unless the usual precautions are taken. The men brace themselves for the shock which follows the discharge of a big gun by holding the arms rigid and the hands well away from the body,

gun by holding the arms rigid and the hands well away from the body, to give the longs free play. They also keep the mouth open, and by that means equalize the pressure on the longs, head and eardrums.

The well knewn fact that men who use cotton in their ears experience more trouble than those who use no external protection shows that there is much to fear from vscuum and the, astural pressure from within. Burst ear drums and ruptured blood ves els are less likely to follow the discharge of big guns when those who stand near by keep their mouths open and their arms extended from the body.

To illustraste the force of air concussion, it was stated that during target practice on board the "Atlanta" some time ago, a sheep was killed eatright by the shock following the discharge of an 8-inch gun, although the gun was behind a barbette and the sheep 30 feet away. At another time, also on the "Atlanta," two of inch broadside guns were discharged several times, and then it was discovered that the cutters and whaleboats which were suspended on davits fifteen feet over the guns and to the rear of covered that the cutters and whaleboats which were suspended on davits fifteen feet over the guns and to the rear of the muzzles opened in the joints, although they were well built and seathough they were the forward to the two 8-inch guns in the forward turret have a range of about 120 degrees on either side of the keel, and on this occasion one of the guns was ranged about 30 degrees forward of the beam and fired with a reduced charge. Twenty feet away were several signals, and near these was a signal cheat with all the ship's signal parapherusila. All of these, chest and lin, were scattered in all directions by the discharge of the gun and rendered uneless.

The noise made by the discharge of heavy pieces is less painful to the sense of hearing than that produced by smaller arms. The excitement conof hearing than that produced by smaller arms. The excitement connected with handling the guns or passing the charges does much to make one forget the noise, and the smell of the burning powder has an intoxicating effect which lends a charm to the situation. A man who has charge of an 8-inch gun is allowed about three minutes to load and fire his piece. Smaller guns are fired more rapidly. Gunners have been known to fire a 5-inch gun at a target two miles piece. Smaller galler that the been known to rapidly. Gunners have been known to fire a 5-inch gun at a target two miles away so rapidly that five shots were in the air before the first one struck. That is work over which anyone will forget his surroundings.

W. W. Curtis.

Naturalists declare that the kestrel is posessed of such wonderful powers of sight that it is able to see a mouse when it is itself at such a height in the air that it is invisible to the naked human eye.

Germany is about to try an interesting experiment to the administration of judicial oaths, in the hope of diminishing the number of perjury cases. The witnesses will be asked to make at unsworn statement in court, and an unsworn statement in court, and will then be required to swear to it, first being permitted to withdraw or correct any part of his testimony. Heavy penalties are provided for the wilful making of false statements in

The ahip Henry B. Hyde has made the trip from San Francisco to Honolinin in nine days and four and one-half hours. Only one other sailing ship has ever equaled this time, the cipper Fair Wind having sailed the distance in eight days and seventeen and one-half hours.

A special designation is given to the reign of each Chinese Emperor. That of Tsai-Tien, the present noble specimen of Oriental royalty, is Kouong so, which means "the continuation of spiendor." Such is the sarcasm of fate.

Golddish are of Chinese origin. They were originally found in a large lake near Mt. Telentring and were first trought to Europe in the seventeenth century. The first in France came as a present to Mme de Pompadour.

The marine imprey's adhesive power is such that 121 pounds may be raised without forcing it to loose its hold. It is so tensulous of life that its head remains for hours attached to a stone when its body is severed.

Fires ar not the only things found in amber; In a big mass of clear amber, dredged out of the Baltic Sea recently, there was distinctly visible in its in-terior a small squirrel—fur, teeth and

M. Chaplain has been ordered by the Government to omit the legend "Dieu protege in France" from the edge of the coins he is engraving. The motto has been used ever since Napoleon be-came Consul.

Simils, India, is built on the sides of a steep hill, and the roof of one house is often on a level with the foundation of one in the next tier.

A polygiot magazine, printed in 12 languages, is to be published in St.

The first public bath in England for ot bathing purposes was opened in

# Certificate of Publication

TERRITORY OF NEW MEXICO,
Auditor's Office. Insurance Decartment,
Office of Auditor of Public Accounts,
Banta Fe, N. M., February 23, 1838.
For the year ending December 31, 1898.

For the year ending December 31, 1898.

It is hereby certified. That the Fire Association of Philadelphia, a corporation organized under the laws of the state of Pennsylvanta. whose principal office is located at Philadelphia, Pa., has compiled with all the requirements of Chapter 48, of the laws of New Mexico, passed in '82, sutilied "An Act regulating Insuranc Companies." approved February 28, 28 (amound April 5, '84, and February 28, '80, and Hourd Stiff New M. auproved March 17, '87, being Chapter 89, Laws of '87) so far as the requestions of said Acts are applicable to said Company, for the year of our Lord One Thousand Eaglet Hundred and Ninety eight.

ord One Thousand Esglit Rusores and inerty sight.
I testimony whereof, I, Marcelino Garcia, Anditor of Public Accounts for the Territory of New Mexico, have hereunto set my hand and affixed my seal of office, at the City of Santa Fe, the day nod year first above written.

[SEAL] MARCELINO GARCIA, Auditor of Public Accounts.

Hynopels of Statement of the Fire Association of Philadelphia. Japuary 1, 1898.

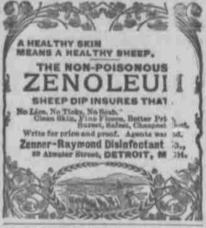
Assets. \$6,127,050 6 Limbilities, including on link. 4,815,103,46

Net surplus...... \$1,811,947.16

A new plant of extraordinary beauty, discovered in the Himslayss. If placed on a shelf in a moderately warm room, the dry bulb, without having been planted, produces a flower that unfolds and blooms in midwinter.

The entire area of the United States is piaced at 1,535,017,502 acres, of which 741,702,365 acres is now owned by in-dividuals or by corporations of states, or has passed out of the control of the

The average length of life is thirtyone years.









American

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FOR SALE .- A good 30-inch paper cutter, at this office

## NEW GOLD FIELDS.

Recent sensational gold discoveries in the Red River district, Northern New Mexico, indicate that this locality will shortly be as widely celebrated as Cripple Creek. Already the rush of miners and prospectors has begun, and by the time the snow has fully melted. thousands will be on the ground.

Take the Santa Fe Houte to Springer, N. M., from which point there is a stage daily to Elizabethtown, Hematite and Red River City. For further particulars apply to CHAS, F. JONES, Agt.

Cuba is said to occupy the third place in education among the Latin-Ameri-can countries, for in each 100 inhabi-tants eight can read in Uruguay, six in Argentina, five in Cuba, 47 in Mexico, 45 in Venezuela, 41 in Chile, 21 in Brazil, and still fewer in the others.

There are 284 industrial courts of arbitration and conciliation in the German empire. The president many be neither an employer nor a working man, and the other members are elected, one-half by employers and the other half by the working men.







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